



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: TACHIKAWA, et al.

Atty. Dck. No. 107292-00023

Serial No.: 09/904,105

Examiner: Unknown

Filed: July 13, 2001

Art Unit: Unknown

For: CHARGED-PARTICLE BEAM IRRADIATOR AND THERAPY SYSTEM  
EMPLOYING THE SAME

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Date: November 22, 2002

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information items listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the items be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date, OR (b) before the mailing date of a first Office Action on the merits in the present application, OR (c) accompanies a Request for Continued Examination. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
- ☐ c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.

RECEIVED

NOV 25 2002  
1:28:00 MAIL ROOM

288/6  
11/29/2

- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
- ☒ 4. English-language Abstracts of the non-English language references are attached hereto.

Respectfully submitted,



George E. Oram, Jr.  
Registration No. 27,931

*Reg. No. 25,895*

Customer No. 004372  
ARENT FOX KINTNER PLOTKIN & KAHN, PLLC  
1050 Connecticut Avenue, N.W.,  
Suite 400  
Washington, D.C. 20036-5339  
Tel: (202) 857-6000  
Fax: (202) 638-4810  
GEO/jch

## INFORMATION DISCLOSURE LIST

Your Reference Number:107292-00023

Our Reference Number:SPF052US

We kindly ask you to submit the documents listed below to the United States Patent and Trademark Office, in compliance with applicant's duty of disclosure.

	Document Number	Issue Date	English Abstract
1	Office Action(JP2000-212445)	June 4, 2002	×
2	Japanese Patent Application Publication No. H06-121842	May 6, 1994	○
3	Japanese Utility Model Application Publication No. S58-190000	December 16, 1983	×
4	Japanese Patent Application Publication No. H10-263098	October 6, 1998	○
5	Japanese Patent Application Publication No. H11-142600	May 28, 1999	○
6	Japanese Patent Application Publication No. H11-142596	May 28, 1999	○
7	Japanese Patent Application Publication No. H11-114078	April 27, 1999	○
8	Japanese Patent Application Publication No. H08-184695	July 16, 1996	○